

IMPACT PAD SHOCK TEST

TEST REPORT PH iP

BP PARAGLIDER HARNESSSES / BACK PROTECTORS

Inspection certificate ref. number: **IP_197.2017**

MANUFACTURER DATA

Manufacturer name: **Supair**
 Contact person: **Caroline Treppo**
 Street: **34, rue Adrastée**
 Post code / place: **74650 Chavanod**
 Country: **France**

SAMPLE DATA

Name: **Strike X-Alp 2017**
 Size: **M**
 Max load [kg]: **100**
 Serial number: **2166-0413-MM-EI**
 Date of reception: **26/01/2017**

ISSUE DATA

Place of inspection: **Villeneuve**
 Date of inspection: **26/01/2017**
 Inspector: **Alain Zoller**
 Directive: **LTF NFL II-91/09 chapter 5 Paraglider harness protectors**

The following limits may not be exceeded during back protector test: Maximum peak 50g, Maximum 38g for a period of 7 milliseconds, Maximum 20g for a period of 25 milliseconds: All three criteria must be fulfilled.

TEST ATMOSPHERE AGL

[C°] **20.3**
 RH [%] **23**
 [hPa] **1024.3**

TEST RESULTS

Impact in at a height of min 165 [cm] drop:

BP test without rescue system	P1 (first test)	P2 (second test)	Max value
Absolute maximum impact [g]	35.4	37.6	37.57
Impact duration at +38 [g] (if any): [ms]	0.00	0.00	0.00
Impact duration at +20 [g] (if any): [ms]	20.55	20.59	20.59
Uncertainty k=2 [%]	7.00	7.00	
Uncertainty k=2 [g]	2.48	2.63	
Repeat testing / max peak comparison [%]	100	106	
Test Result:	POSITIVE	POSITIVE	
BP with rescue system (if applicable)	PR1 (first test)	PR2 (second test)	Max value
Absolute maximum impact [g]	0.0	0.0	0.00
Impact duration at +38 [g] (if any): [ms]	0.00	0.00	0.00
Impact duration at +20 [g] (if any): [ms]	0.00	0.00	0.00
Uncertainty k=2 [%]	7.00	7.00	
Uncertainty k=2 [g]	0.00	0.00	
Repeat testing / max peak comparison [%]	100	n/a	
Test Result:	n/a	n/a	

Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

Instruments	Validity	Manufacturer	Type nr.	S/N
Accelerometer sensor 100 G	10/07/2016	Burster / MTS	89010-100	1263567
Geos n° 11 Skywatch	07/04/2017	JDC electronics	Geos n° 11	0022

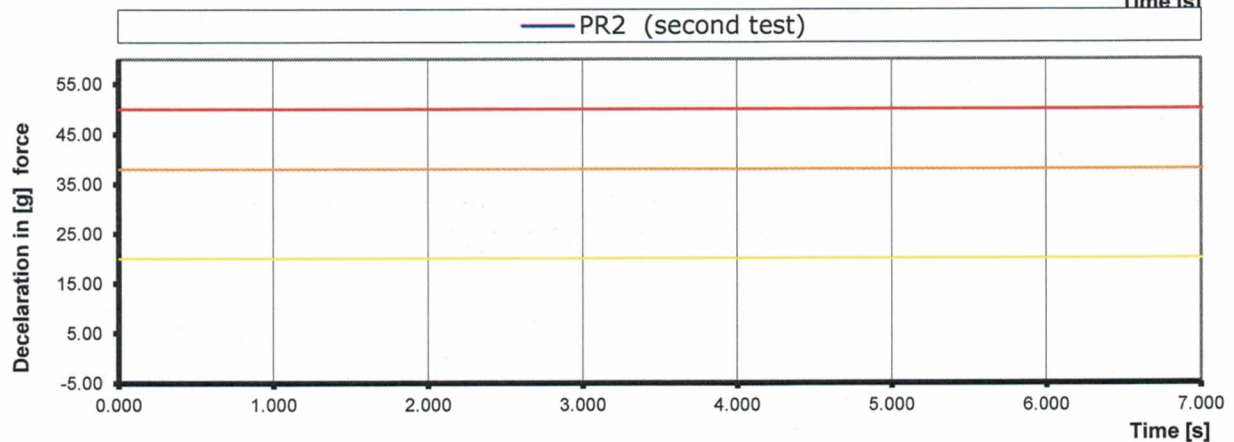
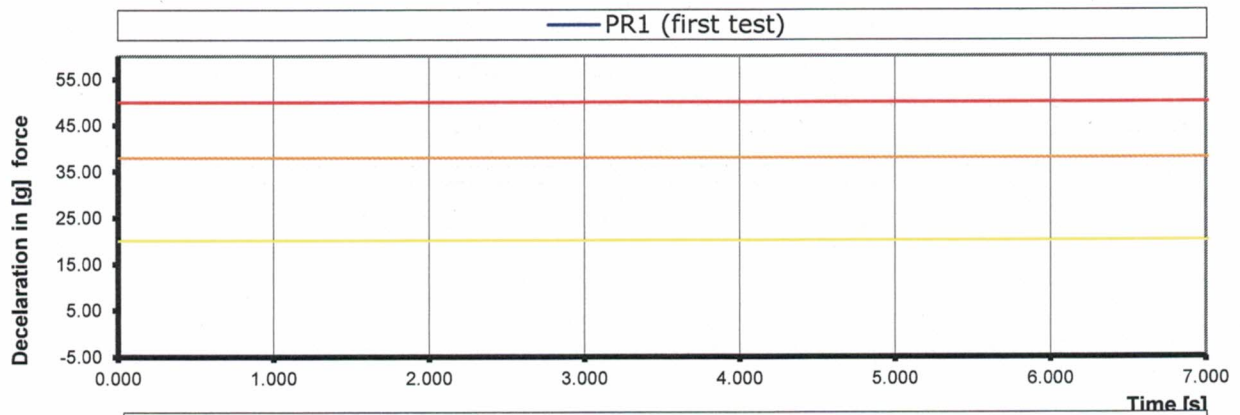
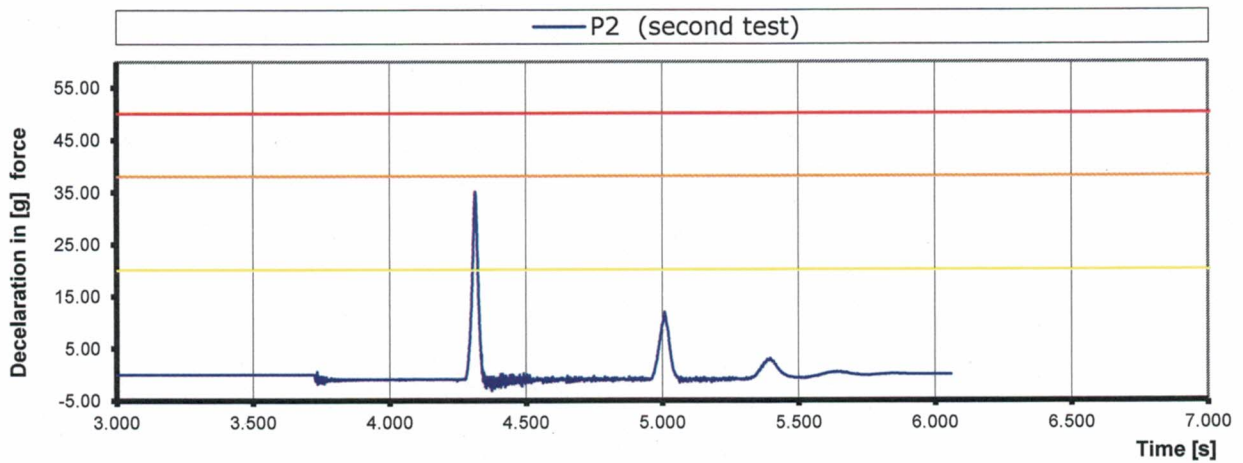
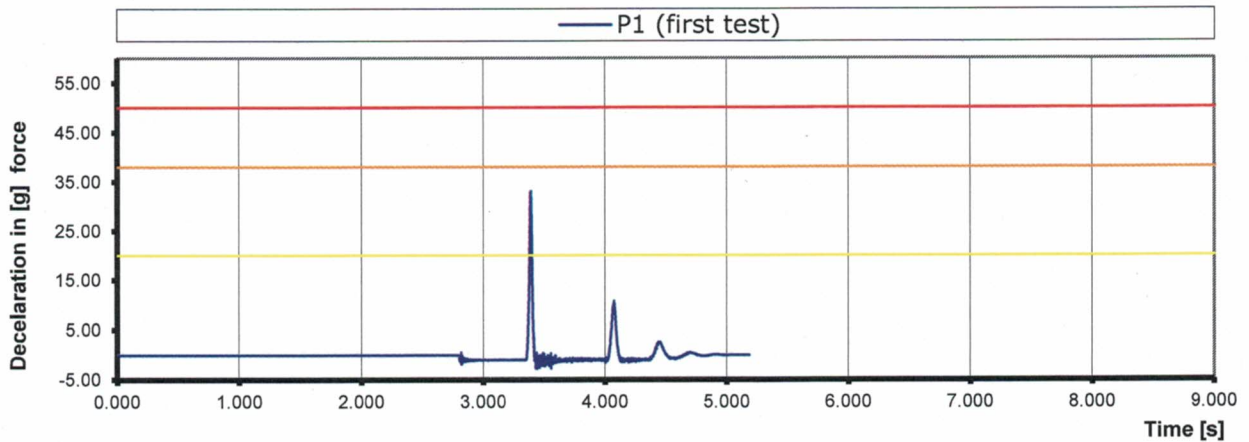
The validation of this test report is given by the signature of the test manager on Inspection Certificate 71.9.2□

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